

AIRBUS

C-212

SERVICE BULLETIN

AIRBUS DEFENCE AND SPACE
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TITLE: FUSELAGE. FUSELAGE TO WING FAIRINGS. INSPECTION OF THE SKIN AND THE FRAME C.5F IN THE CENTER WING FAIRINGS AREA.

DESIGN CHANGE No.: None

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1. PLANNING INFORMATION

A. EFFECTIVITY

(1) Models

C-212-CB C-212-CC C-212-CD C-212-CE C-212-DD C-212-DF C-212-EE

(2) Effectivity

0009 0034 0039 0089 0092 0119 0125 0133 0138 0149 0150 0154 0159 0161 0162
0164 0165 0167 0168 0169 0171 0172 0174 0175 0178 0180 0181 0190 0192 0193
0195 0209 0210 0211 0212 0214 0215 0216 0219 0220 0221 0222 0224 0225 0226
0227 0229 0235 0236 0238 0240 0242 0248 0249 0250 0251 0252 0253 0254 0255
0256 0257 0262 0263 0265 0272 0273 0274 0275 0276 0277 0278 0279 0280 0281
0282 0283 0286 0287 0289 0290 0291 0292 0294 0308 0311 0320 0322 0324 0328
0332 0336 0343 0347 0348 0349 0356 0363 0371 0379 0393 0397 0398 0405 0410
0411 0413 0465 0470 0472 0474 0475 0478 0480 0481 0482

(3) Effectivity by version

The Version/MSN relationship is provided for information only and is correct at the time of issue in accordance with the information available to AIRBUS DEFENCE AND SPACE. Any future changes resulting from transfer of an aircraft from one operator to another will not be reflected in this list unless the Service Bulletin is revised for another reason.

VERSION	MSN
C4	0034 0039
CB14	0149 0150
CB16	0125
CB20	0154
CB8	0089
CC14	0159
CC15	0161 0162
CC20	0164 0165 0169 0172 0174 0175 0181

CC22	0167
CC23	0171
CC24	0168
CC29	0180
CC30	0236
CC34	0195 0235
CC35	0192
CC37	0138
CC4	0209 0210 0211 0212 0214 0215 0216 0219 0220 0221 0222 0224 0225 0226 0227 0249 0250 0251 0252 0253 0254 0255 0256 0257 0274 0275 0276 0277 0278 0279 0280 0281 0282 0283 0410 0411 0413
CC40	0190 0238 0240 0242 0248
CC41	0193
CC44	0290
CC46	0308
CC50	0262 0263 0265 0272 0286 0287 0289 0292
CC60	0320 0322 0324 0328 0332 0336 0347 0348 0349
CC79	0273
CD58	0294
CD63	0291
CD67	0356
CE61	0343
CE62	0363
DD65	0371
DF72	0397 0398
EE88	0474 0475
EE90	0478
EE91	0480 0481 0482
MS03	0379 0393
MS60	0405
TC15	0009 0119
TC18	0133
TC9	0092
VC61	0229
VF25	0178
VF25/2	0311
VP85	0465
VP85/2	0470
VP85/3	0472

(4) Configuration

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MSN	CONFIGURATION
0009 0034 0039 0089 0092 0119 0125 0133 0138 0149 0150 0154 0159 0161 0162 0164 0165 0167 0168 0169 0171 0172 0174 0175 0178 0180 0181 0190 0192 0193 0195 0209 0210 0211 0212 0214 0215 0216 0219 0220 0221 0222 0224 0225 0226 0227 0229 0235 0236 0238 0240 0242 0248 0249 0250 0251 0252 0253 0254 0255 0256 0257 0262 0263 0265 0272 0273 0274 0275 0276 0277 0278 0279 0280 0281 0282 0283 0286 0287 0289 0290 0291 0292 0294 0308 0311 0320 0322 0324 0328 0332 0336 0343 0347 0348 0349 0356 0363 0371 0379 0393 0397 0398 0405 0410 0411 0413 0465 0470 0472 0474 0475 0478 0480 0481 0482	001

(5) Configuration definition

****CONF 001**

CONF_001 is standard for all aircraft in the effectivity of this Service Bulletin.

(6) Material Effectivity

CONF 001

No material

B. CONCURRENT REQUIREMENTS

CONF 001

None.

C. REASON

(1) History

Possible appearance of cracks was found in the skin and the frame C.5F in the center wing fairings area.

(2) Objective/Action

Tell the Operators of aircraft C-212 and give instructions to examine the area.

(3) Advantages

Make sure that the condition of the affected components is correct.

(4) Operational/Maintenance Consequences

The aim of the recommendation of the examination identified in this ISB is to prevent possible significant reductions in the safety margins or in the functional features.

D. DESCRIPTION

To accomplish this Service Bulletin it is necessary to:

CONF 001

Task A530054-832-801-000 - Inspection

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- Removal.
- Inspection.
- Installation.

E. COMPLIANCE

(1) Classification

RECOMMENDED :

(2) Accomplishment Timescales

20000 FC, or the next type A revision.

F. APPROVAL

The technical content of this document is approved under the authority of the EASA Design Organization Approval No. EASA.21J.032.

NOTE: This issue is a translation of SB-212-53-0054. In case of any disagreement, reference should be made to the Spanish original issue, which is approved under the authority of the EASA Design Organization Approval No. EASA.21J.032.

G. MANPOWER

The manpower estimates given in this Service Bulletin are based on the direct labor cost to do the work. These estimates assume that the work will be done by experienced personnel, and may need to be revised upwards to suit operator's circumstances. The estimates do not include the time to prepare, plan or inspect the work. Manufacture and procurement of parts and tools, drying times for paints, sealants, etc., and general administration work are also not included.

CONF 001

Task A530054-832-801-000 - INSPECTION	
On Aircraft	
Removal.	1.00
Inspection.	1.00
Installation.	1.00
TOTAL MANHOURS	3.00
ELAPSED TIME (HOURS)	3.00

H. WEIGHT AND BALANCE

CONF 001

No changes

I. ELECTRICAL LOAD DATA

(1) Direct Current Load Changes

CONF 001

No changes

(2) Alternating Current Load Changes

CONF 001

No changes

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J. REFERENCES

CONF 001

Aircraft Maintenance Manual	AMM 20-21-00 AMM 53-50-00
Illustrated Parts Catalog	IPC 53-21-01
Non-Destructive Testing Manual	NDTM 51-60-00

K. PUBLICATION AFFECTED

CONF 001

None

L. INTERCHANGEABILITY/MIXABILITY

N/A

M. SPARES

None

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2. MATERIAL INFORMATION

A. MATERIAL - PRICE AND AVAILABILITY

(1) Procurement Address

N/A

(2) Price and Availability

N/A

B. INDUSTRY SUPPORT INFORMATION

None

C. LIST OF COMPONENTS

CONF 001

No Kit

D. LIST OF MATERIALS - OPERATOR SUPPLIED

(1) Consumable materials

CONF 001

NOTE: Those given in the referenced procedures.

(2) Components

CONF 001

NOTE: Those given in the referenced procedures.

(3) Equipment

CONF 001

NOTE: Those given in the referenced procedures.

E. PARTS TO BE RE-IDENTIFIED BY OPERATOR

CONF 001

None

F. TOOLING

(1) Tooling Price and Availability

None

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(2) Standard Tools

CONF 001

NOTE: Those given in the referenced procedures.

(3) Special Tools

CONF 001

None

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3. ACCOMPLISHMENT INSTRUCTIONS

Task A530054-832-801-000 - Inspection

WARNING: MAKE SURE THAT YOU OBEY ALL THE WARNING INDICATIONS INCLUDED IN THE REFERENCE PROCEDURES.

WARNING: MAKE SURE THAT THE WARNING NOTICES ARE IN THE CORRECT POSITION. DO THIS BEFORE YOU START MAINTENANCE TASKS ON OR NEAR MECHANICAL FLIGHT CONTROLS, FLIGHT CONTROL SURFACES, LANDING GEARS, FAIRINGS AND ALL THE MOBILE COMPONENTS.

CAUTION: DISCONNECT ALL THE ENERGY SUPPLIES.

Task Associated Data

CONF 001

Zone	
270	
Manpower	
TOTAL MANHOURS	3.00
ELAPSED TIME (HOURS)	3.00

A. GENERAL

CONF 001

(1) Subtask A530054-834-001-001 - Work Breakdown.

Manpower Resources	
Skills	Non specific

On aircraft:

- (a) Put warning notices in position.
- (b) Put the aircraft in the safe condition for maintenance tasks.
- (c) Put maintenance platforms in position.
- (d) Get access to the work area.
- (e) Do a Detailed Visual Inspection (DVI) of the skin and the frame C.5F.
- (f) Remove the maintenance platforms.
- (g) Remove the warning notices.
- (h) Record the accomplishment.

(2) Subtask A530054-910-001-001 - Standard Practices

Manpower Resources	
Skills	Non specific

References	
Aircraft Maintenance Manual	AMM 20-21-00

- (a) Standard Torques.
Refer to Aircraft Maintenance Manual AMM 20-21-00.

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B. PREPARATION

CONF 001

(1) Subtask A530054-941-001-001 - Job Set-up

Manpower Resources	
Skills	Non specific

- (a) Put warning notices in position to show personnel that maintenance tasks are in progress.
- (b) Prepare the aircraft for the tasks and obey all the safety precautions.
- (c) Disconnect all the energy supplies. Make sure that all the related electrical circuits are isolated.
Put warning notices in position to prevent the supply of electrical power to the aircraft.
- (d) Put warning notices in the correct position to prevent accidental operation of a control or system.
- (e) Put maintenance platforms in position.
- (f) Prepare the aircraft access panels and find the area where the Service Bulletin will apply.

C. PROCEDURE

CONF 001

(1) Subtask A530054-020-001-001 - Removal.

Work Zones and Access Panels			
	Zone	Access/Work location	
	270	Fuselage to Wing Fairings	

Manpower Resources	
Manhours	1.00
Minimum number of person	1
Subtask elapsed time	1.00
Skills	Mechanic

References	
Aircraft Maintenance Manual	AMM 53-50-00
Illustrated Parts Catalog	IPC 53-21-01
Figure 2	Sheet 01 - Location of the Inspection Area.

- (a) Remove and keep the forward, left and right fairings under the center wing.
[Refer to FIG. 2 Sheet 01.](#)
Refer to Aircraft Maintenance Manual AMM 53-50-00.
Refer to Illustrated Parts Catalog IPC 53-21-01.

(2) Subtask A530054-210-001-001 - Inspection.

Work Zones and Access Panels			
	Zone	Access/Work location	
	270	Fuselage to Wing Fairings	

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Manpower Resources	
Manhours	1.00
Minimum number of person	1
Subtask elapsed time	1.00
Skills	Mechanic

References	
Non-Destructive Testing Manual	NDTM 51-60-00
Figure 1	Sheet 01 - Inspection Flow Diagram.
Figure 2	Sheet 01 - Location of the Inspection Area.
Figure 3	Sheet 01 - Examples of Cracks.

[Refer to FIG. 1 Sheet 01.](#)

[Refer to FIG. 2 Sheet 01.](#)

[Refer to FIG. 3 Sheet 01.](#)

- (a) Do a Detailed Visual Inspection (DVI) of the skin and the frame C.5F in the center wing fairings area.

Refer to Non-Destructive Testing Manual NDTM 51-60-00.

- 1 If you find cracks, contact AIRBUS with a detailed report of the damage found and wait for instructions before the next flight.
- 2 If you do NOT find cracks, tell AIRBUS that you did not find damage.

(3) Subtask A530054-420-001-001 - Installation.

Work Zones and Access Panels		
	Zone	Access/Work location
	270	Fuselage to Wing Fairings

Manpower Resources	
Manhours	1.00
Minimum number of person	1
Subtask elapsed time	1.00
Skills	Mechanic

References	
Aircraft Maintenance Manual	AMM 53-50-00
Illustrated Parts Catalog	IPC 53-21-01
Figure 2	Sheet 01 - Location of the Inspection Area.

- (a) Install the kept forward, left and right fairings under the center wing.

[Refer to FIG. 2 Sheet 01.](#)

Refer to Aircraft Maintenance Manual AMM 53-50-00.

Refer to Illustrated Parts Catalog IPC 53-21-01.

D. TEST

[CONF 001](#)

N/A

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E. CLOSE UP

CONF 001

(1) Subtask A530054-942-001-001 - Close-up

Manpower Resources	
Skills	Non specific

- (a) Remove all the tools and equipment from the work area.
Make sure that the work area is clean and free from tools, equipment and other items.
- (b) Remove the maintenance platforms.
- (c) Remove the warning notices.
- (d) Make sure that you removed all the tools and equipment from the area around the aircraft.

(2) Subtask A530054-839-001-001 - Documentation.

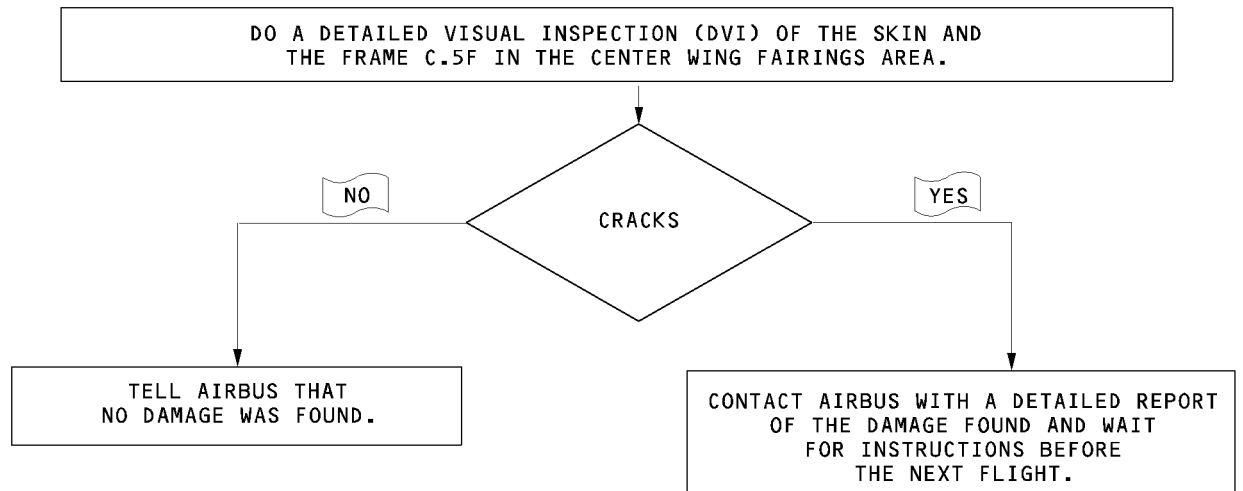
Manpower Resources	
Skills	Non specific

- (a) Write in the applicable aircraft records (Aircraft Modification Logbook) that you have done all the work given in this Service Bulletin.

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A SB 530054 1 0100 00 00

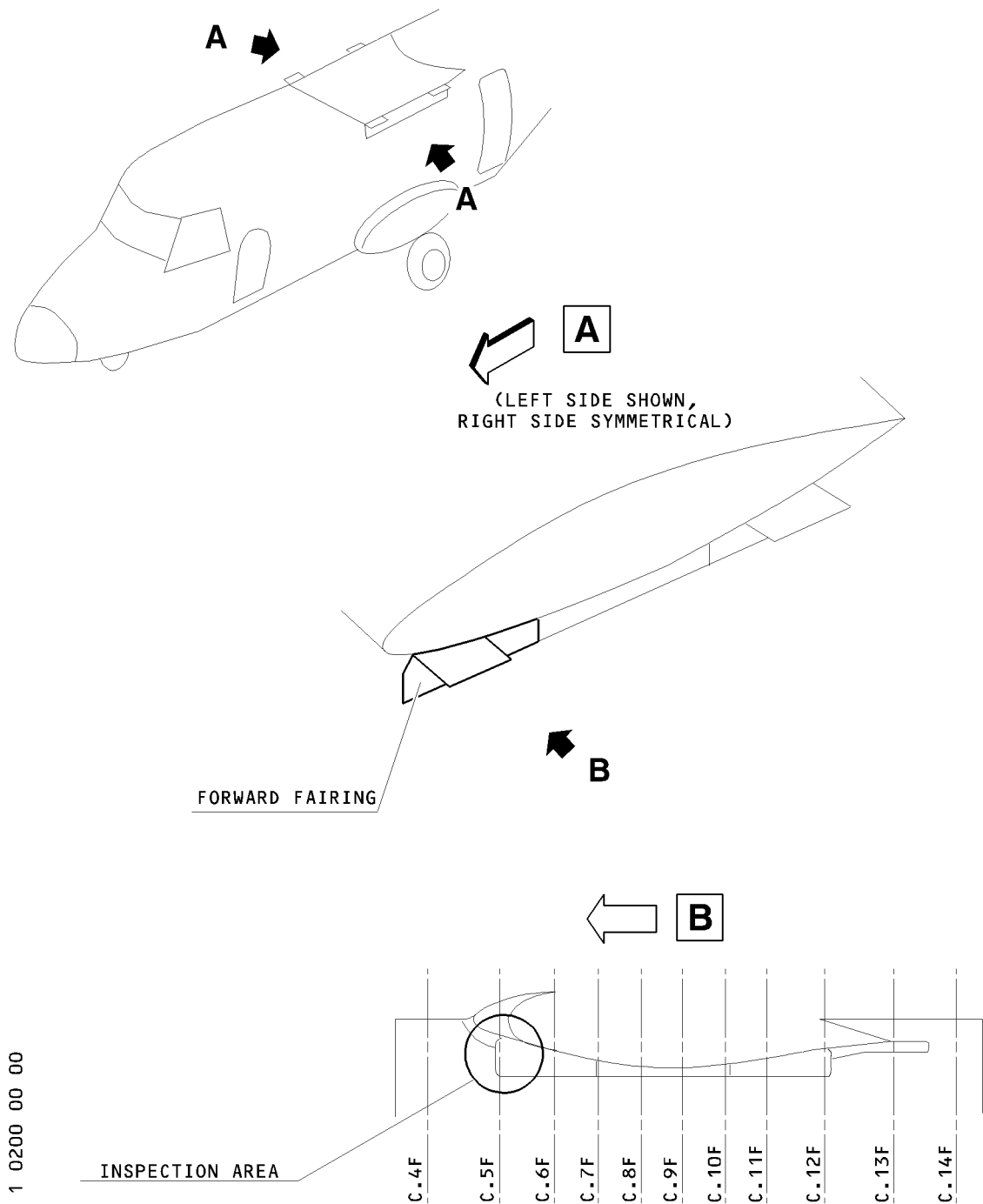


Figure 1 - Sheet 01
Inspection Flow Diagram.

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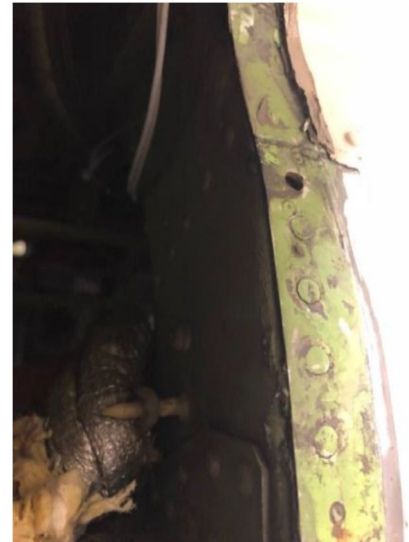
A SB 530054 1 0200 00 00

Figure 2 - Sheet 01
Location of the Inspection Area.

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A SB 530054 1 0300 00 00

Figure 3 - Sheet 01
Examples of Cracks.

SERVICE BULLETIN REPORTING SHEET

TITLE: FUSELAGE. FUSELAGE TO WING FAIRINGS. INSPECTION OF THE SKIN AND THE FRAME C.5F IN THE CENTER WING FAIRINGS AREA.

DESIGN CHANGE No.: None

Please complete the appropriate item (A or B):

A - SB WILL BE embodied YES/NO (if NO please comment)

If YES, aircraft concerned (as per SB effectivity by default) and planned dates (month/year) of embodiment:

B - SB HAS BEEN embodied on aircraft:

Operator comments:

From Airline:

Name/Title:

Signature:

Date:

If operational documentation is affected (see Paragraph 1.K of this SB): If information is needed prior to next normal revision or prior to SB embodiment, please indicate required service(s):

Either: Modification Operational Impact (MOI), if available
Or : Intermediate revision

YES/NO
YES/NO

Important Information: This SB will only be incorporated in your maintenance and operational documentation if this sheet is returned to Airbus and signed by a duly authorised representative. With the next feasible revision, this will result in

- Updating of maintenance documentation to show pre and post SB data.
 - Updating of maintenance and operational documentation to show post SB data after embodiment.
- If this SB requires previous or simultaneous accomplishment of other SBs, Airbus Defence and Space shall automatically include them in the manual revisions.

Please return this completed sheet to:

AIRBUS DEFENCE AND SPACE
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T23 Fase A, 2nd Floor
Paseo de John Lennon, s/n
28906 Getafe - Madrid (SPAIN)
Fax : (34) 916007792
email : Serv.Eng_Fleet.Data@airbus.com

Alternatively, SB lists via letters, e-mail or fax are also accepted.

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QUALITY PERCEPTION FORM

Use this form to tell us what is your perception of the quality of this Service Bulletin. The reported data that you provide us will be used to analyse areas of difficulties and to take corrective action to further improve the quality of our Service Bulletins.

We thank you for the time you have taken in completing this form.

(Please rate on a scale of 1 to 4, with 4 being the highest score)

- Quality rating of this SB	4	3	2	1
- Quality rating of the Accomplishment Instructions	4	3	2	1
- Quality rating of the Illustrations	4	3	2	1
- Is this SB easy to understand ?	Y / N			

If you have had difficulties in the accomplishment of this SB please quote below the area(s) and give a short description of the issue.

Planning	Material	Instructions
X Effectivity	X Kit content	X Preparation
X Reason	X List of Materials Operator Supplied	X Mod/Inspection
X Manpower	X Industry support	X Test
X References	X Re-identification	X Close-Up
X Publication	X Tooling	X Illustrations

Comments:

Operator:

Date:

Name/Title:

Please return this form to:

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